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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/084,959	03/01/2002	Takashi Kamoda	8012-1015	8262
466	7590	01/21/2004	EXAMINER	
YOUNG & THOMPSON 745 SOUTH 23RD STREET 2ND FLOOR ARLINGTON, VA 22202			HAUGLAND, SCOTT J	
			ART UNIT	PAPER NUMBER
			3654	

DATE MAILED: 01/21/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/084,959

Applicant(s)

KAMODA, TAKASHI

Examiner

Scott Haugland

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 18 November 2003.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-11 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1-6 and 8-11 is/are allowed.
- 6) ☒ Claim(s) 7 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. §§ 119 and 120

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.
- 13) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.
a) ☐ The translation of the foreign language provisional application has been received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ 6) ☐ Other: _____

DETAILED ACTION

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claim 7 is rejected under 35 U.S.C. 103(a) as being unpatentable over Okuno (US Pat. No. 6,006,044) in view of Leitmann (US Pat. No. 3,130,990).

Okuno discloses a film winding device comprising a spring attachment hollow 6b, a film-press spring 8 having a main body, an end section (lower portion of spring in Fig. 1), a pressing arm for engaging the film, and a fitting arm (on the short leg or support section of spring 8). The spring 8 is press fit into the attachment hollow 6b (col. 3, lines 40-42).

Okuno does not disclose a slip prevention claw.

Leitmann teaches providing a spring device 10 having a main body with arms 12 and support portion 11 with a projecting slip prevention claw 24 engaging a sidewall of bore 21 to assist in retaining the spring device in

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the bore. The arms and claw are integrally formed with the main body of the spring device 10 (col. 2, lines 26-32).

It would have been obvious to one having ordinary skill in the art at the time the invention was made to make the fitting arm of Okuno press a wall surface of the attachment hollow 6b in order to accomplish the disclosed press fit to retain the spring in the attachment hollow. It would have been further obvious to provide the spring of Okuno with a slip prevention claw formed in the support section as taught by Leitmann in order to engage the attachment hollow and provide additional resistance to removal of the spring from the attachment hollow. It would have been obvious to form the spring so that the slip prevention claw engages the same planar wall surface that the fitting arm presses since it would have been clear that the slip prevention claw would be effective when pressed against any of the side walls of the spring attachment hollow and Leitmann teaches engaging the claw 24 with the same wall that is pressed by mounting portion 11 of spring 14.

Allowable Subject Matter

Claims 1-6 and 8-11 are allowed.

Response to Arguments

Applicant's arguments filed 11/18/03 have been fully considered but they are not persuasive.

Applicant argues that Okuno does not have a fitting arm. However, the upper portion of the short leg of spring 8 is seen to be a fitting arm.

Applicant further argues that the barb 24 of Leitmann presses against a different surface than the leaf spring 14. However, it would have been clear to an ordinary artisan that a barb or slip prevention claw such as taught by Leitmann would be effective when pressed against any side surface of a retention hollow whether it is the same or different from other pressing elements. It is also noted that the mounting portion 11 of Leitmann is analogous to the fitting arm or support section of the spring 8 of Okuno as regards the retention of spring 10 of Leitmann in the hollow (bore 21) of knob 20. The pressing of mounting portion 11 against a wall of the hollow engages the portion 11 and claw 24 with the wall of the hollow 21 to retain the spring 10 in the hollow 21. Leaf spring 14 operates to retain the knob on a shaft forming a separate connection from the connection between the knob and spring 10.

Conclusion

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Scott Haugland whose telephone number is (703) 305-6498. The examiner can normally be reached on Monday - Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kathy Matecki can be reached on (703) 308-2688. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

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Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-1113.

sjh
sjh
1/15/04

Kathy Matecki
KATHY MATECKI
SUPERVISORY PATENT EXAMINER
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